

What is claimed is:

5 1. A wireless terminal communication method in a network, comprising: a plurality of wireless terminals; and a terminal location database for controlling the position information of the wireless terminals; and the wireless terminal communication method comprises the steps of:

inquiring to the terminal location database by a wireless terminal for a position information of a destination wireless terminal of the wireless terminal; and

10 communicating with the destination wireless terminal when the wireless terminal has received the position information of the destination wireless terminal from the terminal location database.

2. The wireless terminal communication method as defined in claim 1, further comprising:

15 broadcasting periodically a position and address of the terminal location database by the terminal location database; and

wherein the wireless terminal makes an inquiry to the terminal location database based on the broadcast position and address.

20 3. A wireless terminal communication method in a network, comprising: a plurality of wireless terminals; and a terminal location database for controlling the position information of the wireless terminals; and the wireless terminal communication method comprises the steps of:

25 broadcasting periodically a position and address of the terminal location database by the terminal location database; and

communicating with the destination wireless terminal based on the broadcast position and address.

30 4. The wireless terminal communication method as defined in claim 1, wherein the terminal location database replies pending to the inquiring step to the terminal location database by the wireless terminal unless the destination wireless terminal is registered; and

35 wherein the terminal location database replies to the inquiry after the destination wireless terminal enters and registers the desired position.

5. The wireless terminal communication method as defined in claim 1, wherein the

wireless terminal determines a priority order of the inquiries, and sends the inquiring step according to the priority order.

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6. The wireless terminal communication method as defined in claim 1, wherein the terminal location database searches for an intermediate terminal to the inquiring step unless the direct communication between the wireless terminal and the destination wireless terminal is possible, and replies to the inquiring step to the terminal location database including the name of the searched intermediate terminals to the wireless terminal.

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7. The wireless terminal communication method as defined in claim 6, wherein the terminal location database sets up a route information; and further comprising:
sending the route information to the intermediate terminals.

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8. The wireless terminal communication method as defined in claim 1, further comprising:
exchanging periodically the position information of the wireless terminals by the terminal location database.

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9. The wireless terminal communication method as defined in claim 1, wherein the terminal location database has an address and an ad hoc wireless network interface, and connects to the ad hoc wireless network.

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10. The wireless terminal communication method as defined in claim 8, further comprising:
notifying to the other terminal location database who can respond to the inquiry after the terminal location database receives an inquiry regarding a relevant information from the wireless terminal; and

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wherein the wireless terminal makes an inquiry to the other terminal location database based on this notification of the position of the other terminal location database.

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11. The wireless terminal communication method as defined in claim 1, wherein the terminal location database refers and replies to the inquiring step the position information of the wireless terminals controlled by the cellular phone network.

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